MONTANA-POWDER RIVER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 106°00′ 45°45′ 2'30" OPEN-FILE REPORT

This report has not been edited for conformity with
U.S. Geological Survey editorial standards or
stratigraphic nomenclature. 16 17 13 15 14 OVERBURDEN ISOPACH—Showing thickness of overburden, in feet, from the surface to the top of the coal 20 21 bed. Isopach interval 200 feet (61 m) with an intermediate 500-foot isopach. 23 24 22 NOTE: Where no mining-ratio contour is shown in the outliers of Reserve Base coal, the mining-ratio value is less than 10. 29 25 28 27 26 42'30" 42'30" 32 33 34 35 36 T. 2 S. T. 2 S. 12 10 12 11 13 13 16 15 14 17 18 24 300 1200 23 19 21 22 24 27 25 26 28 29 SCALE 1:24000 Compiled in 1977 Base map from U.S. Geological Survey, 1966 7000 FEET 1 KILOMETER MONTANA

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THEBEAVER CREEK SCHOOL QUADRANGLE, POWDER RIVER COUNTY, MONTANA

UTM GRID AND 1966 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

BY COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal and/or the 5-foot coal isopach. Arrows point toward area of coal 5 feet or more thick.

EXPLANATION

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PLATE 26 OF 31

BEAVER CREEK SCHOOL QUADRANGLE

MINING-RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

To convert yds3/ton to m3/metric ton, multiply yds3/ton by

PLATE 26

OVERBURDEN ISOPACH AND MINING-RATIO MAP OF THE FLOWERS-GOODALE COAL BED